

## Message Text

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PAGE 01 STATE 305585  
ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-08 NSAE-00 USIA-06  
TRSE-00 EUR-12 DOE-12 ISO-00 SOE-01 /040 R

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FM SECSTATE WASHDC  
TO AMEMBASSY PARIS PRIORITY  
INFO AMEMBASSY PRAGUE PRIORITY

C O N F I D E N T I A L STATE 305585

EXCON USOECD

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, CZ

SUBJECT: EXPORT OF AN ADDITIONAL COMPUTER SYSTEM TO  
CZECHOSLOVAKIA - IL 1565

REF: BTR CASE NO. 244198(SPERRY WORLD, INC.); OC DOC NO  
5729 AND 5729.1; LD NO. 3310(12/16/77)

1) THE UNITED STATES DELEGATION IS REQUESTED TO SUBMIT THE  
ATTACHED URGENCY CASE TO THE COMMITTEE PURSUANT TO COCOM  
DOC REG (77)1, PARAGRAPH 4(B).

2) THE UNITED STATES AUTHORITIES HAVE BEEN ASKED TO  
APPROVE THE EXPORT TO CZECHOSLOVAKIA OF THE FOLLOWING  
EQUIPMENT WITH A TOTAL VALUE OF 1,083,550 DOLLARS AND  
COVERED BY IL 1565(D) AND (H):

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CONFIDENTIAL

PAGE 02 STATE 305585

1 MODEL 90/60 COMPUTER SYSTEM  
(SEE ATTACHMENT 1 FOR DETAILED EQUIPMENT LIST)

3) THIS EQUIPMENT IS CONSIGNED TO MOTOKOV, (EXPORTER OF  
CARS, TRUCKS, BUSES, ETC.) OLSANSKA 1, PRAGUE 3 AS AN  
ADDITIONAL INSTALLATION TO A UNIVAC 90/60 COMPUTER SYSTEM  
PREVIOUSLY EXPORTED (COCOM DOC(75)1413). BOTH SYSTEMS WILL

BE USED FOR DATA PROCESSING, MARKETING, PRODUCT PLANNING, CUSTOMER INFORMATION, INVENTORY CONTROL, ETC.

4) A MODEL 768 PRINTER WILL BE MOVED FROM THE OLD SYSTEM TO THE NEW ONE. AN MCC-1 MULTICHANNEL COMMUNICATIONS CONTROLLER WILL CONNECT FOUR UNISCOPE 200 TERMINAL AND COPYPRINTERS IN AN ADJACENT PROGRAMMERS' ROOM TO THE NEW CENTRAL PROCESSOR, WITH FOUR 8425 DISC UNITS AND TWO UNISERVO 16 TAPE DRIVES FOR AUXILIARY MEMORIES. AS A BACKUP MEASURE, DUAL CHANNEL ACCESS WILL BE PROVIDED FROM BOTH CPU'S TO ALL DISC AND TAPE DRIVES. BOTH SYSTEMS WILL SHARE A SINGLE CARD READER WHICH WILL BE SWITCHED TO ONE OR THE OTHER MANUALLY.

5) THE UNIVAC MODEL 90/60 DOES NOT HAVE MULTIPROCESSOR CAPABILITY, AND NO MULTIPROCESSOR CONFIGURATION IS PLANNED. THE DUAL CHANNEL FEATURE PERMITS ONLY NON-SIMULTANEOUS ACCESS TO THE MEMORIES (DISC AND TAPE), AND ONLY UNDER THE CONDITION THAT BOTH PROCESSORS ARE RUNNING UNDER OPERATING SYSTEMS WHICH ARE COMPATIBLE IN CERTAIN FILE AND/OR DATA FORMATS. FOR THE NEXT YEAR OR TWO THE OLD SYSTEM IS TO USE OS/4 TO DO BATCH PROCESSING, WHILE THE NEW SYSTEM RUNS UNDER VS/9 TO CONVERT THE BATCH PROGRAMS FOR ON-LINE OPERATION.

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PAGE 03 STATE 305585

6) THE INSTALLED SYSTEM USES ABOUT 2360 MBITS OF DISC CAPACITY FOR DATA FILES, AND THE REMAINING 441 MBITS FOR SOFTWARE. IT IS ESTIMATED THAT THE WORK LOAD WILL GROW BY ABOUT 40 PER CENT DURING THE NEXT COUPLE OF YEARS, REQUIRING A PROPORTIONATE INCREASE IN DISC STORAGE TO A TOTAL OF ABOUT 3745 MBITS, HENCE THE SUBJECT REQUEST. THE VS/9 SYSTEM REQUIRES ABOUT 4.2 MBITS OF MAIN MEMORY FOR PROPER OPERATION, PERMITTING UP TO FOUR PROGRAMS OF ABOUT 0.4 MBITS EACH TO RUN UNDER MULTIPROGRAMMING.

7) THE DUAL ACCESS FEATURE WILL BE UNABLE TO PROVIDE NON-SIMULTANEOUS DUAL ACCESS WHILE OPERATING UNDER OS/4 AND VS/9 BECAUSE THE FILE AND/OR DATA FORMATS THEY USE ARE NOT COMPATIBLE. FOR THE TIME BEING THE FEATURE WILL BE USEFUL ONLY IF THE BATCH SYSTEM BREAKS DOWN, IN WHICH CASE ITS WORK LOAD CAN BE SWITCHED TO THE NEW SYSTEM. THE INSTALLED SYSTEM CANNOT DO ANY EFFECTIVE WORK UNDER VS/9 BECAUSE ITS MAIN MEMORY, OF 2.1 MBITS CAPACITY, IS TOO SMALL.

8) A COMPARISON OF THE SYSTEMS' PARAMETERS WITH NOTE 12 (G) TO IL 1565 AND A BLOCK DIAGRAM OF THE SYSTEMS ARE

PROVIDED AS ATTACHMENTS 2 AND 3, RESPECTIVELY. THE UNITED STATES AUTHORITIES CONSIDER THE DESCRIBED SYSTEMS AS ONES USED PRIMARILY IN THE CIVIL SECTOR AND ARE SATISFIED THAT THEY WILL BE USED IN THE CITED END USE APPLICATIONS.

9)THE UNITED STATES AUTHORITIES INTEND TO IMPOSE A CONTINUATION OF THE EXISTING SPARES CONTROL AND VISITATION CONDITIONS, AND THE INITIATION OF SIMILAR CONDITIONS, INCLUDING QUARTERLY VISITS AND REPORTS FOR SIX YEARS ON THE NEW SYSTEM.

10) THE UNITED STATES AUTHORITIES CONSIDER THIS EXPORT REASONABLE AND APPROPRIATE FOR THE STATED END-USE. THEY CONFIDENTIAL

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PAGE 04 STATE 305585

WISH TO APPROVE IT UNDER THE URGENCY PROCEDURE SET FORTH IN COCOM DOC. REG. (77)1, PARAGRAPH 4(B), AS APPLICANT STANDS TO LOSE ORDER IF NOT SHIPPED BY 12/31/77, AND WOULD APPRECIATE THE VIEWS OF MEMBER GOVERNMENTS.

FYI-- ATTACHMENTS HAVE BEEN AIRMAILED FROM COMMERCE ON 12/21/77. VANCE

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## Message Attributes

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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009